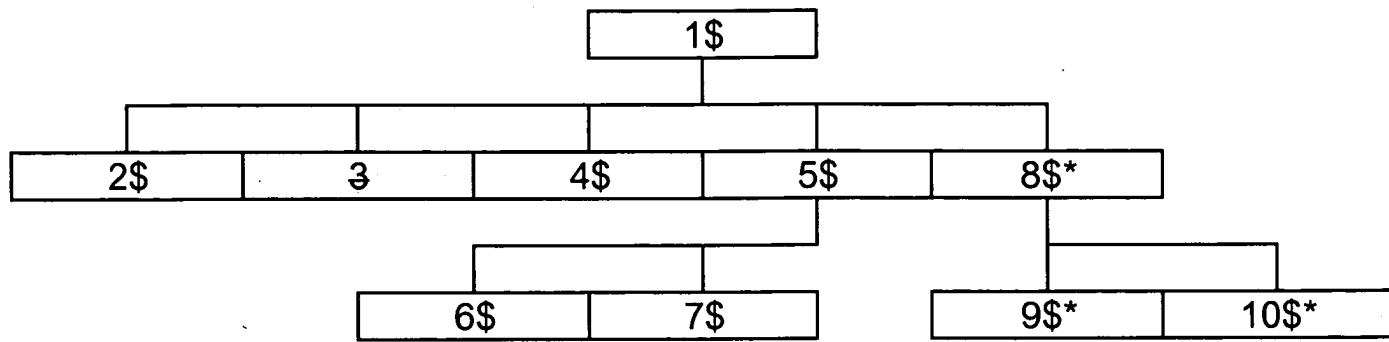


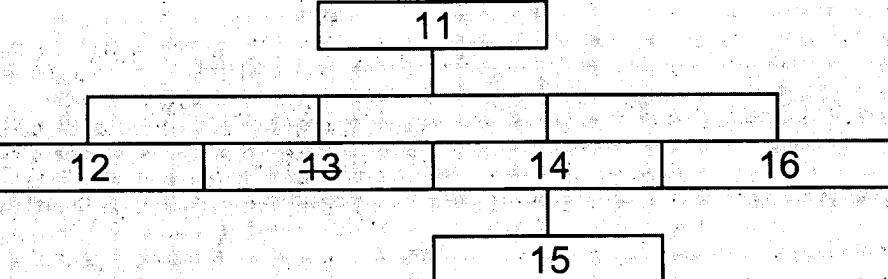
## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15	7	JP-06008463-\$ did. or JP-07081091-\$ did. or WO-2004096559-\$ did. or EP-1057464-\$ did. or EP-1375155-\$ did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/19 08:39
S16	2	EP-1057644-\$ did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/19 15:37
S17	34	("2670871"   "4156244"   "4162501"   "4429320"   "4447820"   "4506276"   "4608577"   "4680696"   "4700202"   "5283593").PN. OR ("5523780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/19 12:10
S18	1	("6540321").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/19 15:37

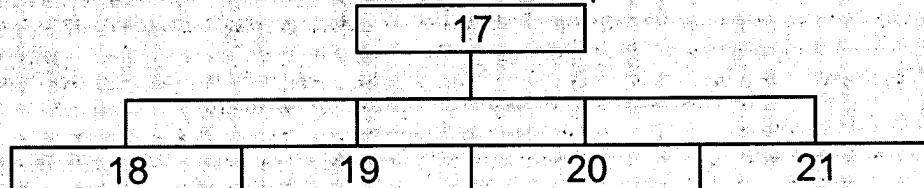
Claim Tree: 10/566173



Non-Elected Group II



Non-Elected Group III



\$ Hirano et al., (EP 1,057,644 A2)

\* Hirosawa et al., (US 5,523,780 A)

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